

VEXOR Technology, Inc.  
955 West Smith Road  
Medina, Ohio 44256  
Phone: 330-721-9773  
FAX: 330-721-9438  
EPA ID# OHD 077772895

## MATERIAL CHARACTERIZATION

www.vexortechnology.com

Approval # \_\_\_\_\_  
Sample # \_\_\_\_\_  
Sales Rep \_\_\_\_\_  
Date Submitted \_\_\_\_\_

Generator U.S. EPA Region 1  
Site Address 20 McLennan Dr.  
City Oakville State CT ZIP 06779  
Phone 617-918-1120 Fax 617-918-0120  
EPA ID# Z117-813104 SIC Code  
Technical Contact Mia Pasquerella  
Title EPA OSC e-mail pasquerella.mia@epa.gov

Bill To Name New England Disposal Technologies, Inc.  
Site Address 83 Gilmore Dr  
City Sutton State MA ZIP 01590  
Phone 508-234-4440 Fax 508-234-4441  
Business Contact Michael J Robertson  
Title GM e-mail mrobertson@NEDTinc.com

### MATERIAL DESCRIPTION

Name and Description of Material: Only Solids/Debris/Waste Oil

Process Generating Material: Absorbents & PPE used during oil spill clean up activities U.S. EPA Hazardous Waste: Yes No

Proper DOT shipping name: Connecticut State Regulated Oil Waste

Method of Shipment: ☐ Bulk ☒ Drum ☐ Tote ☐ Cubic Yd Box ☐ Other/Explain: \_\_\_\_\_

Estimated Annual Volume: Cubic Yards Tons Gallons ~~Drums~~ DM Container material (metal, plastic, etc.)

Frequency: ☒ One Time Only ☐ Daily ☐ Weekly ☐ Monthly ☐ Yearly ☐ Other- explain 350 lbs. Approx drum weight

Special Handling Instructions: \_\_\_\_\_

Preferred Disposal Method: ☒ Landfill ☐ Waste to Energy ☐ Recycling ☐ VEF ☐ Other \_\_\_\_\_

### MATERIAL PROPERTIES AT 78°F

a) Physical State: ☒ Solid ☐ Semi-solid ☐ Powder ☐ Liquid ☐ Phases

b) Reactivity: ☐ Water reactive ☐ Acid Reactive ☐ Alkaline Reactive ☐ Oxidizer ☐ Autosetting ☒ none

c) Flash Point, °F: ☐ ≤ 72 ☐ >72-100 ☐ >100-140 ☐ >140-200 ☒ >200 ☐ NA

d) S. G./Density \_\_\_\_\_ e) pH: ☐ ≤ 2 ☐ >2-6 ☒ >6-9 ☐ >9-12.5 ☐ ≥12.5 ☐ NA

f) Odor: ☐ None ☒ Mild ☐ Strong: Describe: Petroleum g) Color: Black/Brown

h) Total Organic Halogen (TOX) ☒ 0 ppm ☐ >1000 ppm\* If this material is considered a "USED OIL" and is to be managed as a USED OIL, please complete the "USED OIL" ADDENDUM and attach to this profile.

i) PCB Content: ☒ 0 ppm ☐ 1-49 ppm\* ☐ equal to or > 50 ppm \*Supporting analysis and documentation required.

### MATERIAL COMPOSITION: List all components, add up to 100%.

Constituent	Range % (wt-vol)	
	Min	Max
Absorbents (pads, boom, speedi-dry)	75	85
PPE (gloves, boots, tyvek suits)	10	20
Waste Oil	1	5
A combined total should equal 100%		

Above is based on: Generator Knowledge ☒ Analytical Data ☒ MSDS ☐  
Please attach analysis, TCLP information and appropriate MSDS sheets.

SAMPLE SUBMITTED WITH THIS PROFILE: Yes No ☒

### CHEMICAL COMPOSITION:

Constituent	Range %	
	Min	Max
Sulfur	N/A	N/A
Chlorine	N/A	N/A
Bromine	N/A	N/A
Fluorine	N/A	N/A
Nitrogen	N/A	N/A
Oxygen	N/A	N/A
Carbon	N/A	N/A
Ash	N/A	N/A
Btu's	N/A	N/A
Biomass	N/A	N/A

### Metals (other than RCRA)

Metal	ppm	Metal	ppm	Metal	ppm	Metal	ppm
Thallium	N/A	Antimony	N/A	Beryllium	N/A	Cobalt	N/A
Copper	N/A	Nickel	N/A	Vanadium	N/A	Tin	N/A
Zinc	N/A	Iron	N/A	Manganese	N/A	Magnesium	N/A
Molybdenum	N/A	Palladium	N/A				



# MATERIAL CHARACTERIZATION

Approval # \_\_\_\_\_

RCRA CONTAMINANTS: ☐ TCLP ☐ TOTAL ☒ NONE IN THIS SECTION

EPA #	NAME	REGULATORY LEVEL	ACTUAL	EPA#	NAME	REGULATORY LEVEL	ACTUAL
D004	Arsenic	>5.0		D024	m-Cresol	>200.0	
D005	Barium	>100.0		D025	p-Cresol	>200.0	
D006	Cadmium	>1.0		D026	Cresol (total)	>200.0	
D007	Chromium	>5.0		D027	1,4-Dichlorobenzene	>7.5	
D008	Lead	>5.0		D028	1,2-Dichlorethane	>0.5	
D009	Mercury	>0.2		D029	1,2-Dichlorethylene	>.13	
D010	Selenium	>1.0		D030	2,4-Dinitrotoluene	>0.008	
D011	Silver	>5.0		D031	Heptachlor	>0.13	
D012	Endrin	>0.02		D032	Hexachlorobenzene	>0.5	
D013	Lindane	>0.4		D033	Hexachloro-1,3-butadiene	>0.5	
D014	Methoxychlor	>10.0		D034	Hexachloroethane	>3.0	
D015	Toxaphene	>0.05		D035	Methyl Ethyl Ketone	>200.0	
D016	2,4-D	>10.0		D036	Nitrobenzene	>2.0	
D017	2,4,5-TP (Silvex)	>1.0		D037	Petachlorophenol	>100.0	
D018	Benzene	>0.5		D038	Pyridine	>100.0	
D019	Carbon Tetrachloride	>0.5		D039	Tetrchloroethylene	>0.7	
D020	Chlordane	>0.03		D040	Trichloroethylene	>0.5	
D021	Chlorobenzene	>100.0		D041	2,4,5-Trichlorophenol	>400.0	
D022	Chloroform	>6.0		D042	2,4,6-Trichlorophenol	>2.0	
D023	o-Cresol	>200.0		D043	Vinyl Chloride	>0.2	

## GENERATOR CERTIFICATION

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true and accurate description of the material being offered for disposal.

Samples of this material submitted to VEXOR are representative of the material described in this profile. I further certify that by utilizing this profile, neither I nor any other employee of the company will deliver for treatment, processing or recycling or attempt to deliver for same any material that is classified as a hazardous waste, medical or infectious waste or any other material that this facility is prohibited from accepting by law.

Authorized Representative Name (Printed) MIA PASQUERELLA Company US EPA

Authorized Representative Signature: Mia Pasquerella

Title: ON Scene Coordinator Date: 11/15/13

## For VEXOR Use Only

Reviewed by: \_\_\_\_\_ Date: \_\_\_\_\_ Second review: \_\_\_\_\_ Date: \_\_\_\_\_

Approved for treatment (please check and initial) \_\_\_\_\_ Special Handling (if yes, make process directions in notes): \_\_\_\_\_

Treatment	Solidification/Landfill	Waste to Energy	VEF	Water	Used oil	Recycling	Other ( please note processing)
Check all that apply							

Rejected - reason: \_\_\_\_\_

Price: \_\_\_\_\_ per unit: \_\_\_\_\_ CS initial \_\_\_\_\_ Price approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Notes: \_\_\_\_\_

**VEXOR Technology, Inc. USED OIL Addendum  
For Approval of USED OIL**

VEXOR Technology, Inc.  
955 W. Smith Rd.  
Medina, OH 44256  
Phone: 330-721-9773  
Fax: 330-721-9438  
EPA ID# OHD07772895

**Generator Status:**

Large Quantity: \_\_\_\_ Small Quantity: **X** Conditionally Exempt Small Quantity: \_\_\_\_

Is this material a "USED OIL" as defined in the Ohio Administrative Code 3745-279-01? YES **X** NO \_\_\_\_

Has this "USED OIL" been mixed with hazardous waste YES \_\_\_\_ NO **X**

Does this "USED OIL" contain greater than 1,000ppm total halogens? YES \_\_\_\_ NO **X**

If "YES", can you identify the "halogenated constituent" present in the oil?  
\_\_\_\_\_

If "YES", can you rebut the presumption that this material is a "hazardous waste" under OAC 3745-279-21(B)? YES \_\_\_\_ NO \_\_\_\_ (If YES, complete the USED OIL REBUTTAL below)

**USED OIL REBUTTAL**

Generator: **U.S. EPA Region I**

Address: **20 McLennan Dr.**

City: **Oakville State: CT Zip: 06779**

Contact: **Mia Pasquerella** Title: **U.S. EPA OnScene Coordinator**

Waste Stream: **Oily solids/debris**

Process Generating Waste: **Absorbents & PPE used during oil spill clean-up activities.**

I, being an authorized representative of the generator, certify that the used oil waste stream being offered to, or shipped to, VEXOR Technology, Inc. for processing, as a non-hazardous waste, does not contain any halogenated hazardous constituents listed in 40CFR261.

Method of Rebutting the Presumption (check at least one)

\_\_\_\_ The total halogen results are greater than 1,000ppm due to the present of chlorinated paraffin's in the formulation of the oil. (Material Safety Data Sheet attached)

\_\_\_\_ Analysis attached using analytical method from SW-846

Name: **X** Mia Pasquerella Title: **X** ON SCENE COORDINATOR

Signature: **X** Mia Pasquerella Date: 11/15/13



VEXOR Technology, Inc.  
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Approval # \_\_\_\_\_  
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Sales Rep \_\_\_\_\_  
Date Submitted \_\_\_\_\_

Generator U.S. EPA Region I  
Site Address 20 McLennan Dr.  
City Oakville State CT ZIP 06779  
Phone 617-918-1120 Fax 617-918-0120  
EPA ID# 2107-E13104 SIC Code \_\_\_\_\_  
Technical Contact Mia Pasquerella  
Title EPA OSC e-mail pasquerella.mia@epa.gov

Bill To Name New England Disposal Technologies, Inc.  
Site Address 83 Gilmore Dr  
City Sutton State MA ZIP 01590  
Phone 508-234-4440 Fax 508-234-4441  
Business Contact Michael J Robertson  
Title GM e-mail mrobertson@NEDTinc.com

### MATERIAL DESCRIPTION

Name and Description of Material: Waste Oil

Process Generating Material: Waste oil collected during oil spill clean up activities U.S. EPA Hazardous Waste: Yes No

Proper DOT shipping name: Connecticut State Regulated Oil Waste

Method of Shipment: ☐ Bulk ☒ Drum ☐ Tote ☐ Cubic Yd Box ☐ Other/Explain: \_\_\_\_\_

Estimated Annual Volume: Cubic Yards Tons Gallons 2x55 Drums DM Container material (metal, plastic, etc.)

Frequency: ☒ One Time Only ☐ Daily ☐ Weekly ☐ Monthly ☐ Yearly ☐ Other- explain 350 lbs. Approx drum weight

Special Handling Instructions: \_\_\_\_\_

Preferred Disposal Method: ☒ Landfill ☐ Waste to Energy ☐ Recycling ☐ VEF ☐ Other \_\_\_\_\_

### MATERIAL PROPERTIES AT 78°F

- a) Physical State: ☒ Solid ☐ Semi-solid ☐ Powder ☐ Liquid ☐ Phases
- b) Reactivity: ☐ Water reactive ☐ Acid Reactive ☐ Alkaline Reactive ☐ Oxidizer ☐ Autosetting ☒ none
- c) Flash Point, °F: ☐ ≤ 72 ☐ >72-100 ☐ >100-140 ☐ >140-200 ☒ >200 ☐ NA
- d) S. G./Density \_\_\_\_\_ e) pH: ☐ ≤ 2 ☐ >2-6 ☒ >6-9 ☐ >9-12.5 ☐ ≥12.5 ☐ NA
- f) Odor: ☐ None ☒ Mild ☐ Strong : Describe: Petroleum g) Color Black/Brown
- h) Total Organic Halogen (TOX) ☒ 0 ppm ☐ >1000 ppm\* If this material is considered a "USED OIL" and is to be managed as a USED OIL, please complete the "USED OIL" ADDENDUM and attach to this profile.
- i) PCB Content: ☒ 0 ppm ☐ 1-49 ppm\* ☐ equal to or > 50 ppm \*Supporting analysis and documentation required.

### MATERIAL COMPOSITION: List all components, add up to 100%.

Constituent	Range % (wt-vol)	
	Min	Max
Waste Oil		100
A combined total should equal 100%		

Above is based on: Generator Knowledge ☒ Analytical Data ☒ MSDS \_\_\_\_\_  
Please attach analysis, TCLP information and appropriate MSDS sheets.  
SAMPLE SUBMITTED WITH THIS PROFILE: Yes \_\_\_\_\_ No ☒

### CHEMICAL COMPOSITION:

Constituent	Range %	
	Min	Max
Sulfur	N/A	N/A
Chlorine	N/A	N/A
Bromine	N/A	N/A
Fluorine	N/A	N/A
Nitrogen	N/A	N/A
Oxygen	N/A	N/A
Carbon	N/A	N/A
Ash	N/A	N/A
Btu's	N/A	N/A
Biomass	N/A	N/A

### Metals (other than RCRA)

Metal	ppm	Metal	ppm	Metal	ppm	Metal	ppm
Thallium	N/A	Antimony	N/A	Beryllium	N/A	Cobalt	N/A
Copper	N/A	Nickel	N/A	Vanadium	N/A	Tin	N/A
Zinc	N/A	Iron	N/A	Manganese	N/A	Magnesium	N/A
Molybdenum	N/A	Palladium	N/A				



# MATERIAL CHARACTERIZATION

Approval # \_\_\_\_\_

RCRA CONTAMINANTS: ☐ TCLP ☐ TOTAL ☒ NONE IN THIS SECTION

EPA #	NAME	REGULATORY LEVEL	ACTUAL	EPA#	NAME	REGULATORY LEVEL	ACTUAL
D004	Arsenic	>5.0	_____	D024	m-Cresol	>200.0	_____
D005	Barium	>100.0	_____	D025	p-Cresol	>200.0	_____
D006	Cadmium	>1.0	_____	D026	Cresol (total)	>200.0	_____
D007	Chromium	>5.0	_____	D027	1,4-Dichlorobenzene	>7.5	_____
D008	Lead	>5.0	_____	D028	1,2-Dichlorethane	>0.5	_____
D009	Mercury	>0.2	_____	D029	1,2-Dichlorethylene	>.13	_____
D010	Selenium	>1.0	_____	D030	2,4-Dinitrotoluene	>0.008	_____
D011	Silver	>5.0	_____	D031	Heptachlor	>0.13	_____
D012	Endrin	>0.02	_____	D032	Hexachlorobenzene	>0.5	_____
D013	Lindane	>0.4	_____	D033	Hexachloro-1,3-butadiene	>0.5	_____
D014	Methoxychlor	>10.0	_____	D034	Hexachloroethane	>3.0	_____
D015	Toxaphene	>0.05	_____	D035	Methyl Ethyl Ketone	>200.0	_____
D016	2,4-D	>10.0	_____	D036	Nitrobenzene	>2.0	_____
D017	2,4,5-TP (Silvex)	>1.0	_____	D037	Petachlorophenol	>100.0	_____
D018	Benzene	>0.5	_____	D038	Pyridine	>100.0	_____
D019	Carbon Tetrachloride	>0.5	_____	D039	Tetrachloroethylene	>0.7	_____
D020	Chlordane	>0.03	_____	D040	Trichloroethylene	>0.5	_____
D021	Chlorobenzene	>100.0	_____	D041	2,4,5-Trichlorophenol	>400.0	_____
D022	Chloroform	>6.0	_____	D042	2,4,6-Trichlorophenol	>2.0	_____
D023	o-Cresol	>200.0	_____	D043	Vinyl Chloride	>0.2	_____

## GENERATOR CERTIFICATION

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true and accurate description of the material being offered for disposal.

Samples of this material submitted to VEXOR are representative of the material described in this profile. I further certify that by utilizing this profile, neither I nor any other employee of the company will deliver for treatment, processing or recycling or attempt to deliver for same any material that is classified as a hazardous waste, medical or infectious waste or any other material that this facility is prohibited from accepting by law.

Authorized Representative Name (Printed) Mia C. Pasoverella Company US EPA

Authorized Representative Signature: Mia Pasoverella

Title: ON SCENE COORDINATOR Date: 11/15/13

## For VEXOR Use Only

Reviewed by: \_\_\_\_\_ Date: \_\_\_\_\_ Second review: \_\_\_\_\_ Date: \_\_\_\_\_

Approved for treatment (please check and initial) \_\_\_\_\_ Special Handling (if yes, make process directions in notes): \_\_\_\_\_

Treatment	Solidification/Landfill	Waste to Energy	VEF	Water	Used oil	Recycling	Other ( please note processing)
Check all that apply							

Rejected - reason: \_\_\_\_\_

Price: \_\_\_\_\_ per unit: \_\_\_\_\_ CS initial \_\_\_\_\_ Price approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Notes: \_\_\_\_\_

**VEXOR Technology, Inc. USED OIL Addendum  
For Approval of USED OIL**

VEXOR Technology, Inc.  
955 W. Smith Rd.  
Medina, OH 44256  
Phone: 330-721-9773  
Fax: 330-721-9438  
EPA ID# OHD07772895

**Generator Status:**

Large Quantity: \_\_\_\_ Small Quantity: ☒ Conditionally Exempt Small Quantity: \_\_\_\_

Is this material a "USED OIL" as defined in the Ohio Administrative Code 3745-279-01? YES ☒ NO \_\_\_\_

Has this "USED OIL" been mixed with hazardous waste YES \_\_\_\_ NO ☒

Does this "USED OIL" contain greater than 1,000ppm total halogens? YES \_\_\_\_ NO ☒

If "YES", can you identify the "halogenated constituent" present in the oil?  
\_\_\_\_\_

If "YES", can you rebut the presumption that this material is a "hazardous waste" under OAC 3745-279-21(B)? YES \_\_\_\_ NO \_\_\_\_ (If YES, complete the USED OIL REBUTTAL below)

**USED OIL REBUTTAL**

Generator: U.S. EPA Region I

Address: 20 McLennan Dr.

City: Oakville State: CT Zip: 06779

Contact: Mia Pasquerella Title: U.S. EPA OnScene Coordinator

Waste Stream: Waste Oil

Process Generating Waste: Waste oil Generated from oil spill clean-up activities.

I, being an authorized representative of the generator, certify that the used oil waste stream being offered to, or shipped to, VEXOR Technology, Inc. for processing, as a non-hazardous waste, does not contain any halogenated hazardous constituents listed in 40CFR261.

Method of Rebutting the Presumption (check at least one)

☐ The total halogen results are greater than 1,000ppm due to the present of chlorinated paraffin's in the formulation of the oil. (Material Safety Data Sheet attached)

☒ Analysis attached using analytical method from SW-846

Name: ☒ Mia Pasquerella Title: ☒ ON SCENE COORDINATOR

Signature: ☒ Mia Pasquerella Date: 11/15/13